



July 12, 2010

Ms. Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

Re: PS Docket No. 06-229

Dear Ms. Dortch:

Pursuant to Section 1.1206(b)(2) of the Commission's Rules, this is to notify you that on June 16, 2010, a team from BAY AREA UASI met with the Commission's Public Safety and Homeland Security Bureau to discuss its planned 700 MHz broadband system. The meeting included Laura Phillips, Bay Area UASI, Undersheriff Richard T. Lucia, Alameda County, William J. McCammon, East Bay Regional Communications Authority, Morris Tabak - Assistant Chief and Chief of Staff, San Francisco Police Department, Paul Steinberg, Motorola, Travis Boettcher, Motorola and Zia Siddiqui, Motorola. Participants for the FCC included Jennifer Manner, Jon Peha, Brian Hurley, Ziad Sleem, Behzad Ghaffari, Jeffery Goldthorp, Walter Johnston, Kurian Jacob and Tom Peters.

The information presented included details of the planned BAY AREA UASI communications system. Certain information provided is confidential, and a redacted version of the presentation is enclosed. The confidential information has been provided under separate cover with a request for confidentiality.

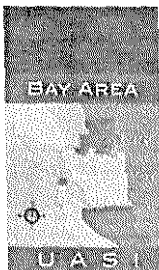
Pursuant to the Commission's Rules, one copy of this notice is being filed electronically with the Commission. If you require any additional information please contact the undersigned at 415-705-8516.

Respectfully submitted,

BAY AREA UASI

By: Laura Phillips, Executive Director

Cc: Jennifer Manner Jeffery Goldthorp
Jon Peha Walter Johnston
Brian Hurley Kurian Jacob
Ziad Sleem Tom Peters
Behzad Ghaffari



Confidentiality

June 18, 2010

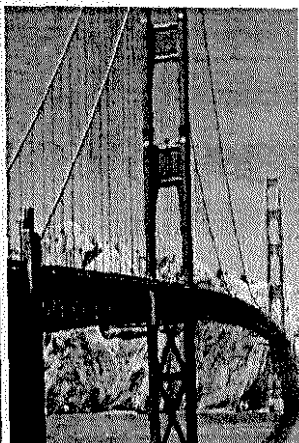
This information has been provided voluntarily at the request of the Public Safety and Homeland Security Bureau and we request that this information remain confidential under the provisions of 0.459 of the Commission rules. In the event it is determined that confidentiality cannot be provided, we request the opportunity to withdraw this information.

Laura Phillips, Executive Director, Bay Area UASI

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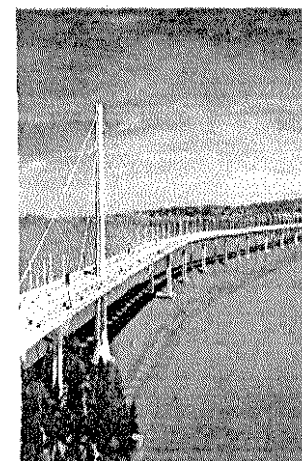


UASI



Bay Area Regional Interoperability Initiative: A National Model for Regional Collaboration

Presented by Laura Phillips, Executive Director
Bay Area UASI



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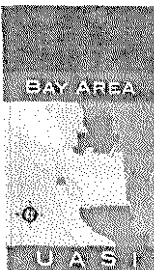
History: A Model Governance Structure

- Marriage of three former independent UASI's-San Francisco, Oakland and San Jose in 2006.
- Footprint for UASI program: 10 Bay Area Counties (contrast to MSA area)
- Governance Agreement renewed in 2007: authority to manage and collaborate on multiple Bay Area and Homeland Security initiatives including Interoperable Communications, Information Sharing, CBRNE response capability, and others.



Model Governance

- Three tiered structure: Working Groups for regional initiatives, Advisory Group, Approval Authority
- MOU allows for management of “other” federal funding
- MOU allows Director of UASI to form other advisory groups for collaboration on initiatives : RCPGP Advisory Group, BayRICS Tech Group, BayRICS Policy Group
- Now managing initiatives and programs from UASI, IECGP, PSIC, COPS ICE, COPS TECH



Governance Model: Tiered Structure

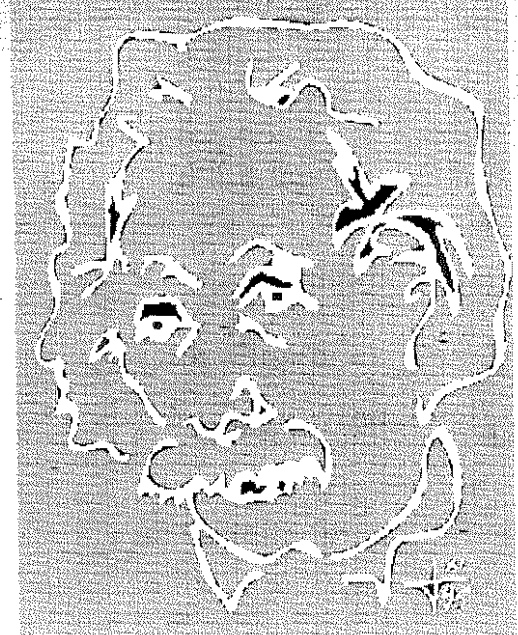
- **Approval Authority:** sets policy, final decisions on funding, Members: core city, core county representation, state
- **Advisory Group:** Represents all operational/counties areas within urban area footprint. Policy setting/advisory to Approval Authority
- **Working Groups and Sub-Regional Planning Hubs**

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Governance Model: leverages other federal grants, collaboration reduces costs, investments are outcome driven, allows effective cross pollination across multiple disciplines, supported by strategic plans, encourages partnerships.



Collaboration Beyond UASI

- Bay Area co-chairs the Capitol-Bay Planning Area (CALSIEC)-22 county footprint (10 are Bay Area UASI)
- Monterey County included in Interop planning within Bay Area Interop group
- Bay Area serves as lead/coordinator and fiscal agent for PSIC, IECGP (22 counties of Cap-Bay)
- *JUNE 4th-begin a planning group for all Northern Cal Interoperability Issues (all counties to Nevada and Oregon border)*
- *Bay Area leads quarterly “all Calif UASI” group- develops shared investment strategies-Interoperability, Info Sharing, EMMA*



What makes us successful?

- Tiered governance structure-allowing collaboration and coordination of other funding sources
- Gap analysis/strategic plans guide investments
- View of Region
- Collaboration outside of “footprint” for greater good
- LEADERSHIP



What makes us successful?

- Executive leadership of initiatives
- Examples: Urban Shield- Alameda County Sheriff
NCRIC-North Calif Regional
Information Center San Mateo County Sheriff
- BAYRICS: Executive leadership from each subsystem
- BayWEB/BayLoop: Alameda County Sheriff

BAY AREA UASI PROGRAM

MARTIN SONENSHINE · HAYWARD · CONTRA COSTA · SANMATEO · SAN FRANCISCO · SANTA CRUZ · SAN JOSE · OAKLAND

Bay Area Regional Interoperable Communication System



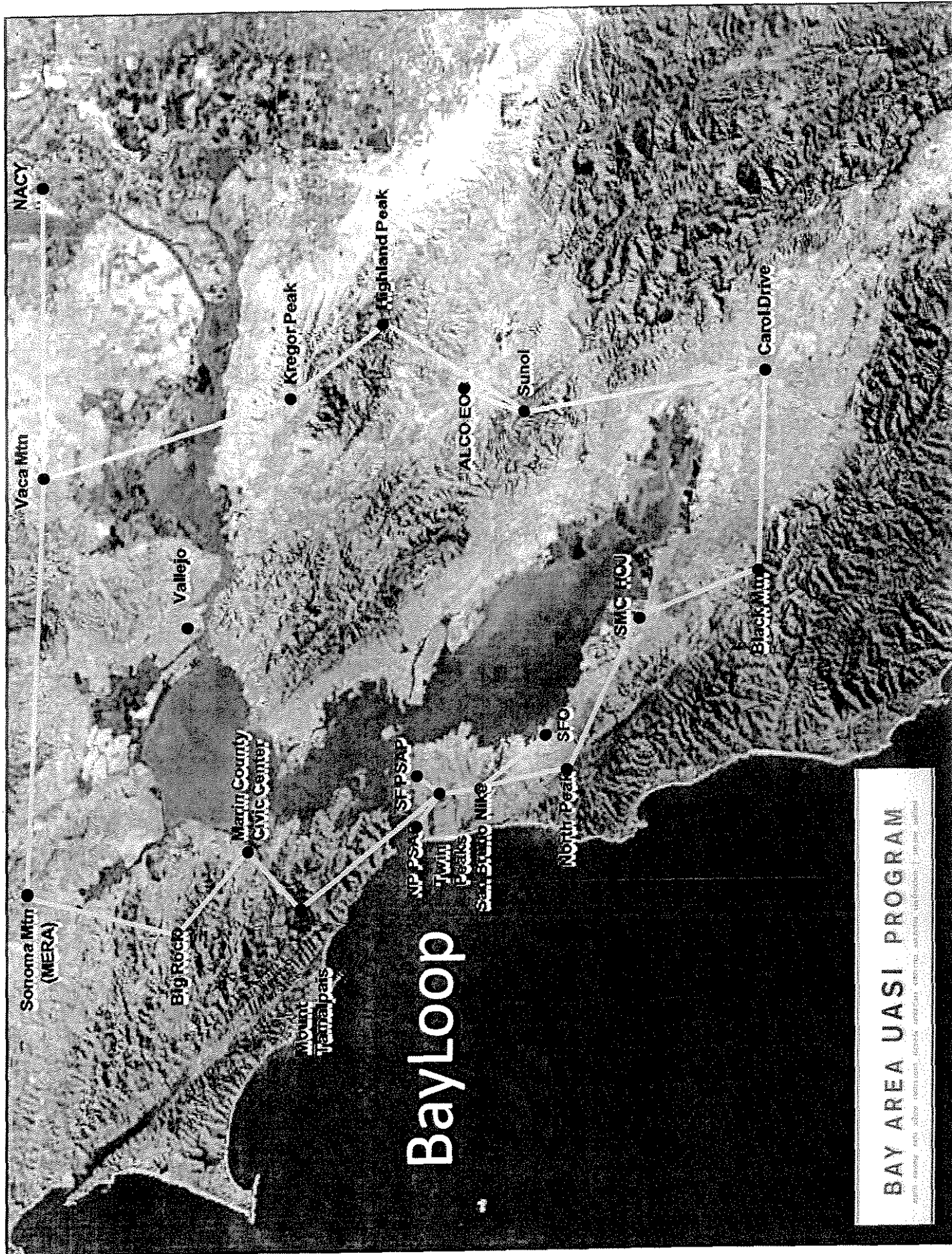
BayRICS

Bay Area

Regional Interoperable Communications System

Overview

- BayComm - 700/800Mhz with VHF overlay
- BayShare - Regional information sharing (ARIES/CopLink)
- BayLoop - Digital Microwave
- BayWeb - 4G Broadband



BayLoop

BAY AREA UASI PROGRAM

Flight path shown is for UASI program. Actual flight path may vary. UASI program is for UASI program only. UASI program is for UASI program only.

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BAYWEB

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Collaboration: dropping borders

- Capital Bay Planning Area- CAL SIEC. Collaboration between Bay Area and Capital Area and 22 county planning area for Interoperability. BayWEB expansion to all of northern California and potential sharing of core equipment in discussion (subject to additional waivers to FCC, PSST Term Lease, and any other interop conditions. Working with Michael Crews- State of Calif Interoperability Coordinator
- Interoperable Communications planning incorporates –I-80 Corridor Concept
- RCPGP planning activities- We didn't understand "catastrophic" until Katrina. Planning area expanded. Interoperability across "nation" important to aid in disaster.
- Information Sharing Initiative for counties within the UASI and within the borders of our Fusion Center (15 counties- 5 counties outside of UASI). Current: ARIES, COPLINK future: ALPR, biometrics, connectivity between UASI areas
- Bay Area and California UASI meetings/Projects
- US DOT- Plan for NextGen 911 Migration



Ensuring Interoperability...

- “First do no harm.” – BayRICS and UASI Guiding Principles
- Resiliency second requirement.
- Partnership and compliance with ERIC (I always wanted to move to Boulder.)
- Partnership's with State Interop Coordinator, within 22 county Cap-Bay CALSIEC Planning Area and ultimately with other CALSIEC Planning Areas
- No funding will be granted within UASI without compliance to requirements for waiver, PSST-Term Lease, ERIC and any other interop requirements from State/Feds.
- BayRICS Policy Group (and those requirements) drives any work completed by contractors, private public partnerships.



Ensuring Interoperability...cont'd

- **Transition to Next Generation 911 in the Bay Area:**
 - Pilot with 911 Managers, funded through UASI and coordinated CALNENA/NENA and US DOT
- **Secure Networks to facilitate the protection of core and critical infrastructure through integration with Northern California Fusion Center, State FC and the other three FC's in CA**

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BayWeb System Design & Goals

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BayWeb Expansion

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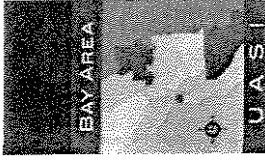
LTE

S T A N D A R D S

Standard LTE Architecture for Public Safety

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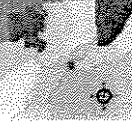
Open Standard Public Safety LTE Architecture

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System Identifiers

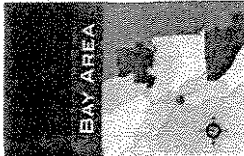
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Open Standard Support for Federal Agencies

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San Francisco Bay Area Solution Supports FCC Waiver Applications

Waiver defined a list of 5 applications that should be supported by initially deployed systems (Released: May 12, 2010):

1. Internet access;
 - Public safety subscribers shall have access to the global Internet
2. VPN access to any authorized site and to home networks;
 - The regional PS operator shall be required to allow establishment and use of VPN connections by roaming users on their networks to other networks
3. Status / Information "Homepage;"
 - The regional PS network operators shall provide a universal method to obtain a this region's "home page" for visitors to the system.
4. Access to responders under the Incident Command System;
 - PS users (at home and visitors) managed under the ICS structure of a requesting agency served by a public safety broadband network shall be provided access to that network to carry out incident objectives and communicate with their home networks
5. Field-based server applications
 - The regional PS network systems shall support the use of field-deployed server applications. This requirement includes the need for client devices to consistently and continuously reach these server-based systems from any other location on the Internet.

Flexible, Enhanced LTE Architecture for Public Safety

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LTE

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Questions ?

